

CUSTOMER:	AWEA	CUSTOMER ORDER REF:	RX106316T AWEA
DISTRIBUTOR:	GUEDEL LINEARTEC	REDEX ORDER REF:	212229
DESIGNATION:	DRP2+R.21.4.H	SERIAL NUMBER:	901007
CODE:	RX128950-11	MOTOR FLANGE CODE:	

Mechanical preload data

The preload torque of the gearbox in DUALDRIVE configuration depends on the application data and features of the gearbox.

The preload torque can be increased but must never exceed the maximum value indicated below.

A too important preload torque reduces the efficiency and the life expectancy of the gearbox and the rack.

Optimal preload torque T_p :

Following application

Maximum preload torque:

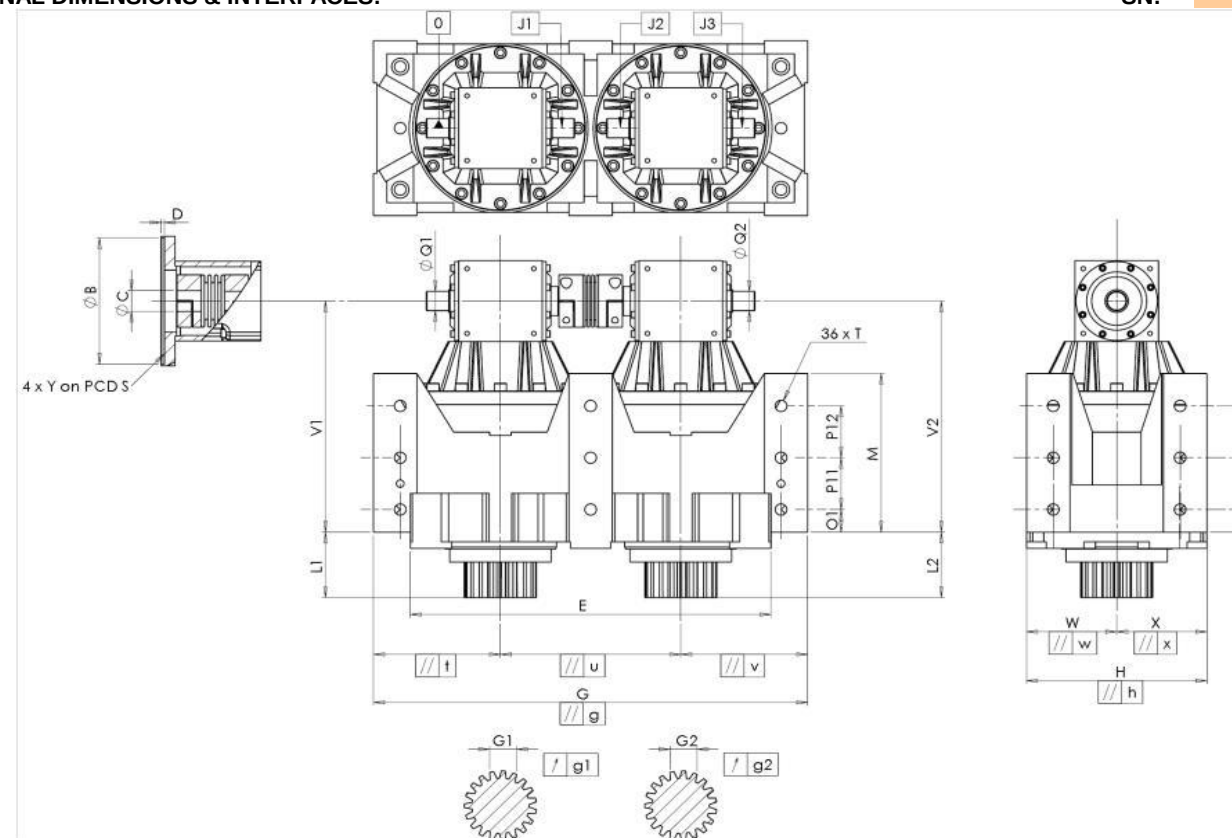
16,7 Nm

For the installation, please refer to User Manual DRP (182/009)

SPECIFIC REMARKS:

Product images are for illustrative purposes only.

EXTERNAL DIMENSIONS & INTERFACES: SN: 901007



General tolerance: Js13	<i>Cmm</i>	Automatic / manual coordinate-measuring machine	μm	Micrometer	<i>Cr</i>	Calliper rule	<i>Di</i>	Dial indicator	<i>Pg</i>	Plug gauge
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HOUSING					HOUSING					MOTOR FLANGE									
requirement					measure					requirement					measure				
					A1713														
E					460 ⁰ _{-0,05} Cmm 459,977					O1 30 Cr 30					Ø B µm				
G					560 ^{+0,1} _{-0,1} Cmm 559,999					P12 75 Cr 75					Ø C µm				
//	g 0,045				Cmm 0,018					M 210 ^{+0,1} _{-0,1} Cmm 209,99					D Cr				
//	t 0,045				Cmm 0,001					O2 30 Cr 30					Ø S Cr				
//	u 0,03				Cmm 0,004					P21 75 Cr 75					Ø Y Pg				
//	v 0,045				Cmm 0,004					P22 75 Cr 75									
W					115 Cmm 114,991					Ø T M16 Pg M16									
//	w 0,03				Cmm 0,003														
X					115 Cmm 115,009														
//	x 0,03				Cmm 0,004					OUTPUT PINION									
										Pinion 1 N1442									
										Span dimension over 4 teeth									
//	h 0,02				Cmm 0,011					G1 44,27 ⁰ _{-0,03} Cmm 44,255									
V1					298 Cmm 298,346					g1 0,022 Di 0,01									
L1					85 Cmm 85,142					Pinion 2 N1440					Torsional stiffness (Nm/arcmin) 1 243,75				
V2					298 Cmm 298,275					Span dimension over 4 teeth					2 243,75				
L2					85 Cmm 85,066										Radial stiffness (N/µm) 1 431				
Ø	Q1 25 ^{+0,009} _{-0,004}				Cmm 25,007					g2 0,022 Di 0,01					2 404				
Ø	Q2 25 ^{+0,009} _{-0,004}				Cmm 25,009														
J1					/0 µm 0,01					No-load input torque					Noise level				
J2					/0 µm 0,02					Line 0,7 Nm					@1600 rpm input (dB(A)) 73,5				
J3					/0 µm 0,02					Line 2 0,7 Nm									

Date: 27/12/2017

Visa: C DE MIRANDA

Version: A